

In re Application of
Frank D. Husson, Jr.
Application No. 10/039,277
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Atty. Dkt. No. SOLAR1120-3
(051264-0306)

Listing of Claims

Please amend claim 1 and 39 and cancel claims 2, 24, 25, 28-31, 33 and 34 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A solar water pasteurizer comprising:

a flexible water-tight resealable container, wherein said container comprises a top and a bottom, wherein said bottom comprises at least one resealable opening, wherein said resealable opening comprises at least one water-tight spout with a mating resealable cap, ~~and~~ wherein said resealable cap comprises a bracket for receiving one or more reuseable temperature indicators for indicating the temperature history of the water contained therein, and wherein said temperature indicator is a glass tube containing wax therein that melts at pasteurization temperatures;

one or more energy converting structures therein, as an integral part of said container,

a first insulation structure on the top of said container, wherein said first insulation structure comprises gas contained within air-tight structures, and

a second insulation structure on the bottom of said container, wherein said second insulation structure is selected from gas contained within air-tight structures, closed cell foam or open cell foam,

wherein said insulation structures collectively are sufficient to enable said pasteurizer to achieve water temperatures of at least 60° C, wherein said insulation structures are an integral part of said container.

2. (Canceled)

3. (Previously presented) A water pasteurizer according to claim 1, wherein said container comprises a polymeric material.

4-5. (Cancelled)